

FIG. 1

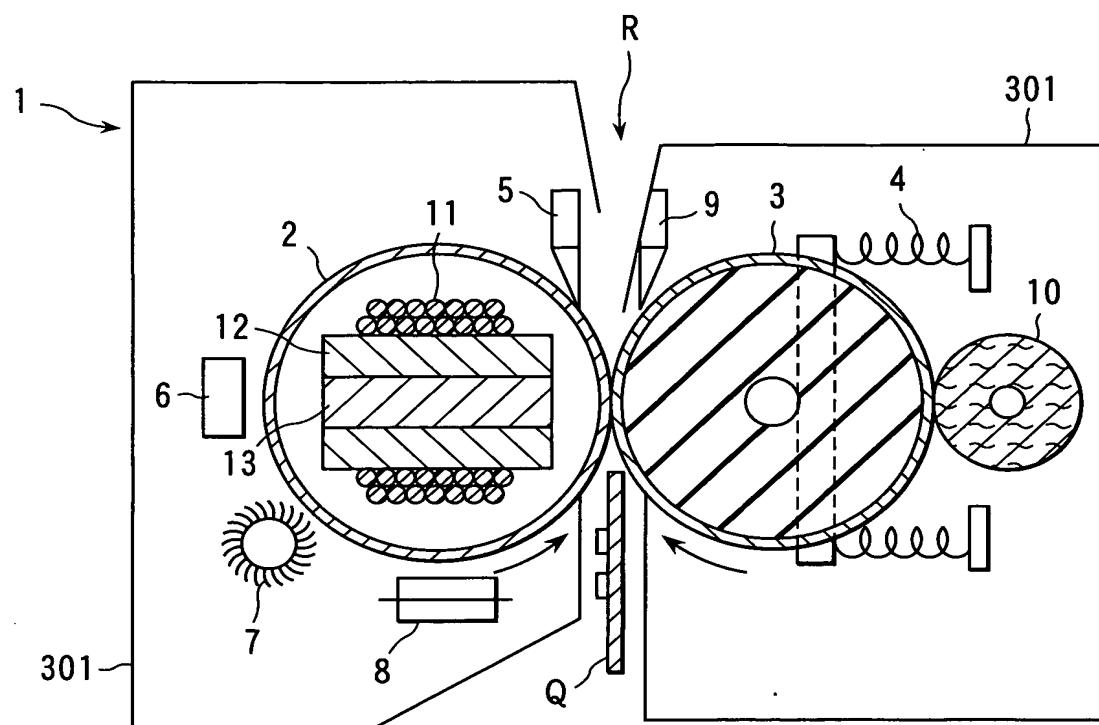


FIG. 2

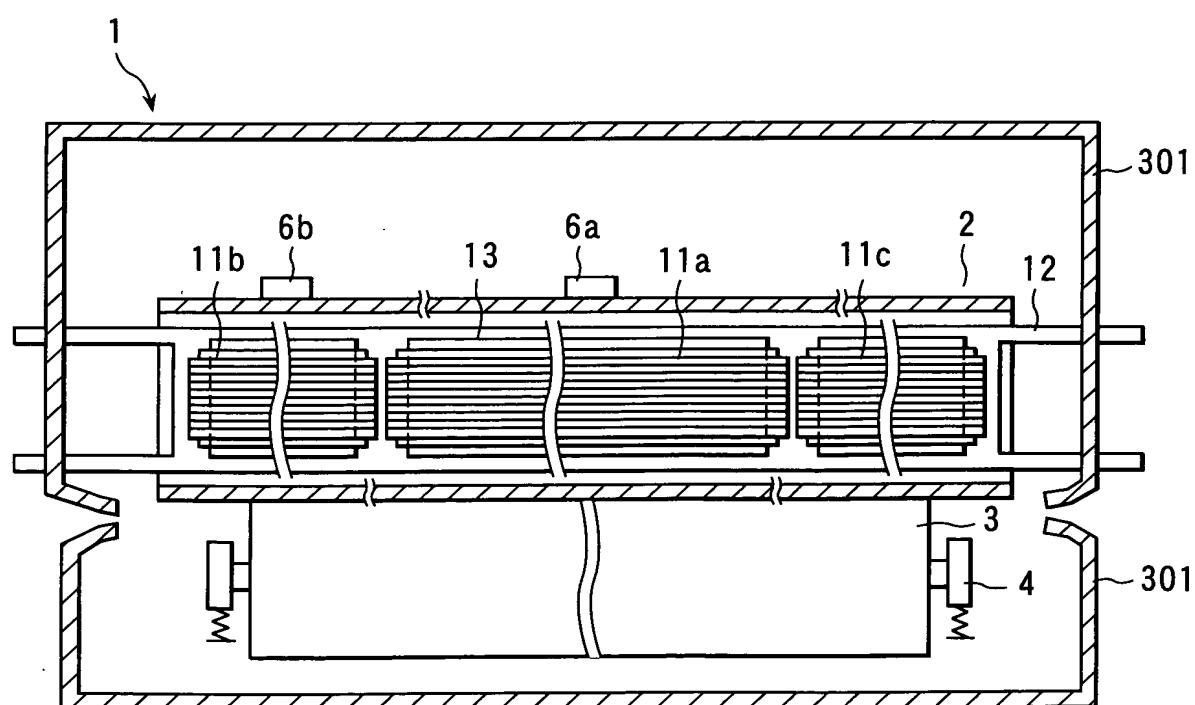


FIG. 3

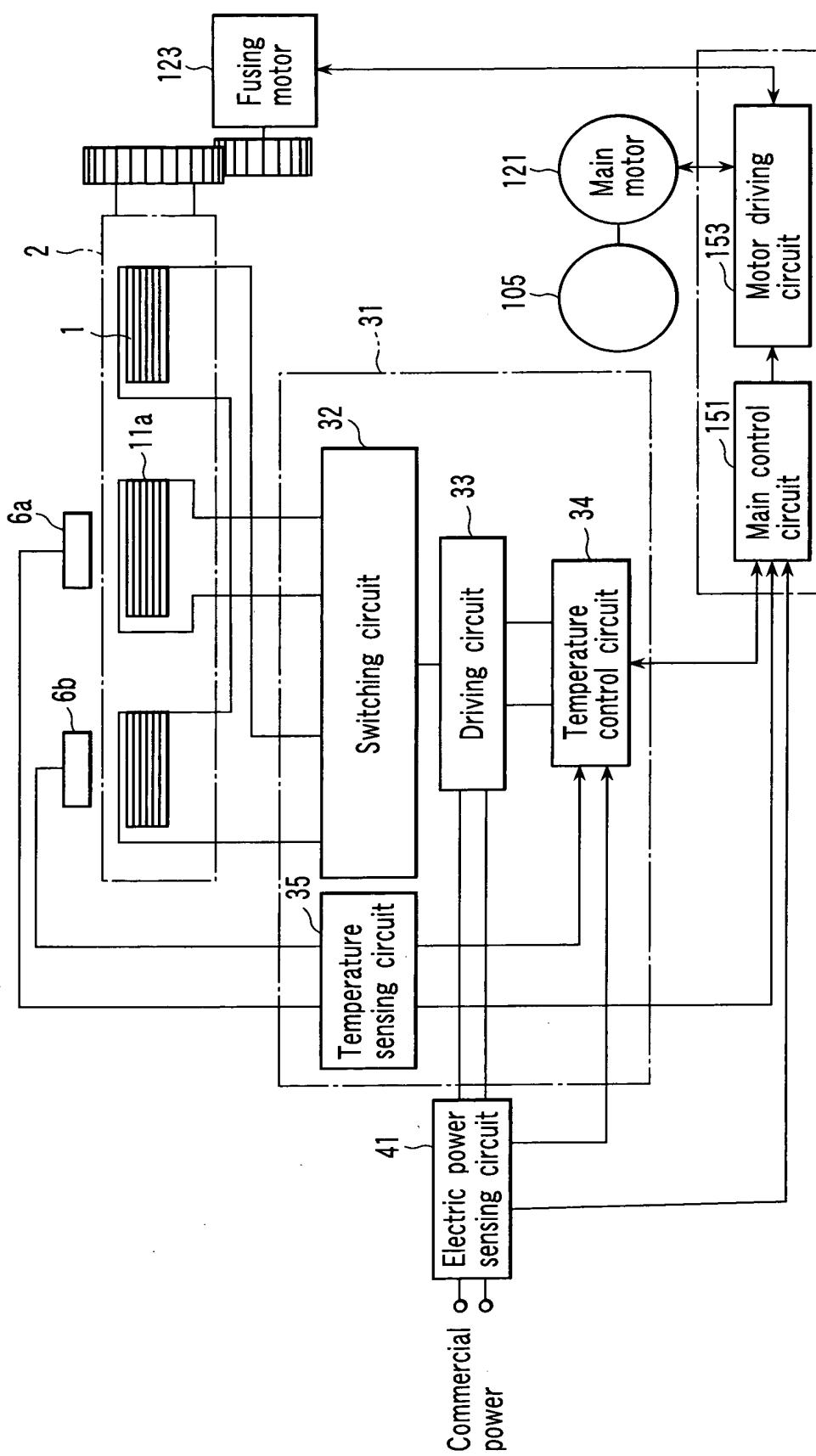


FIG. 4

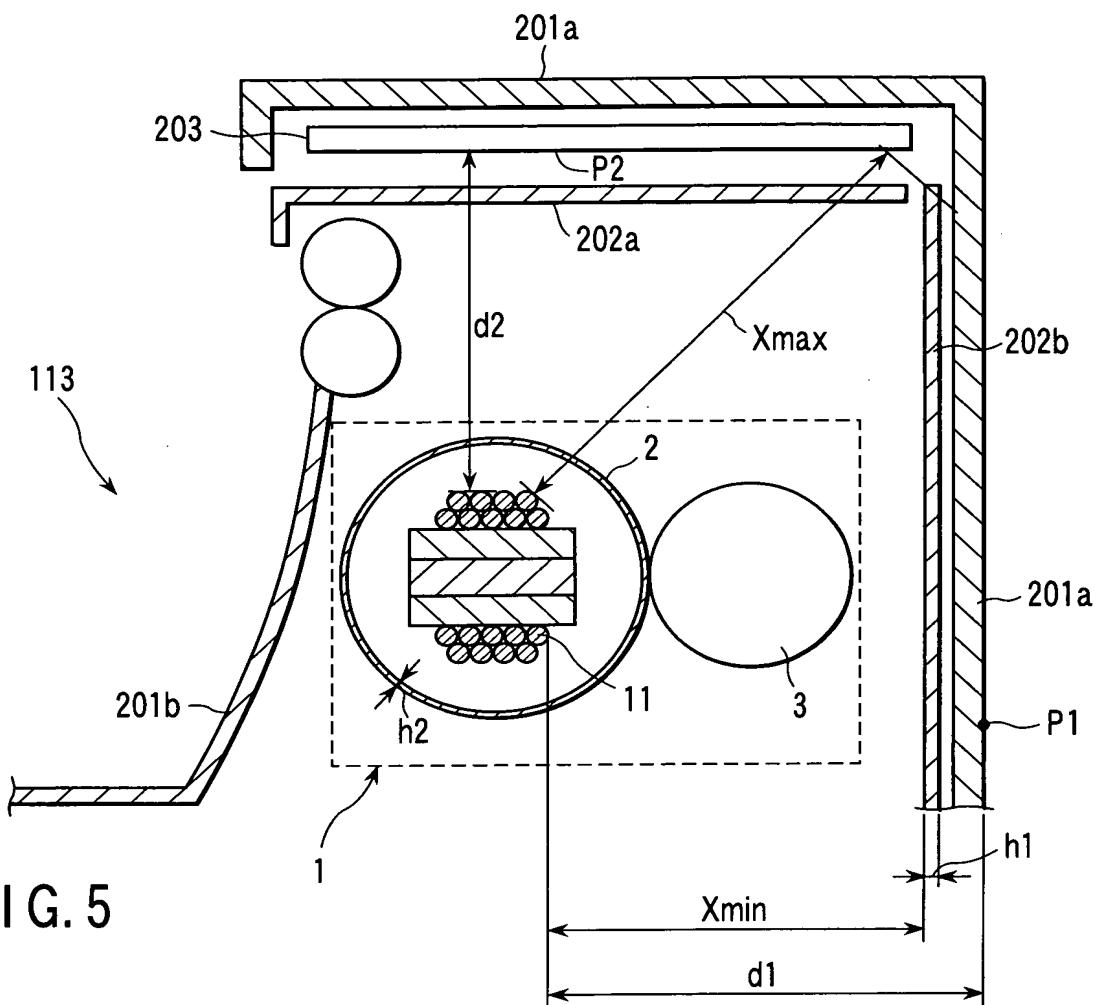


FIG. 5

Leakage magnetic field attenuation ratio

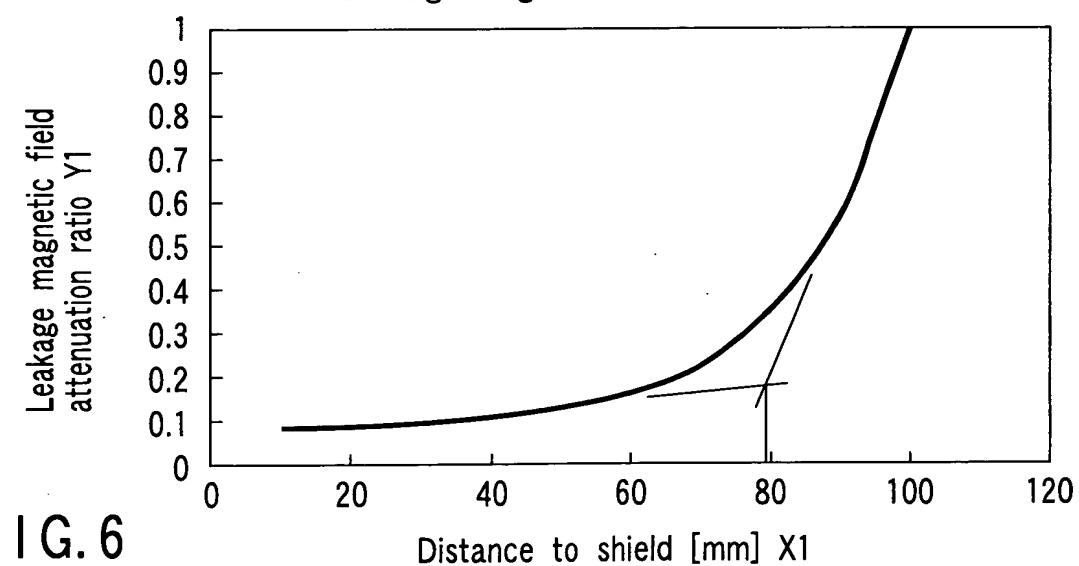


FIG. 6

Skin depth of each metal material at the frequency used [μm]

	Copper	Aluminium	Iron	Nickel
20kHz	14.78	17.80	35.60	29.07
40kHz	10.45	12.59	25.17	20.55
60kHz	8.53	10.28	20.55	16.78
80kHz	7.39	8.90	17.80	14.53
100kHz	6.61	7.96	15.92	13.00

FIG. 7

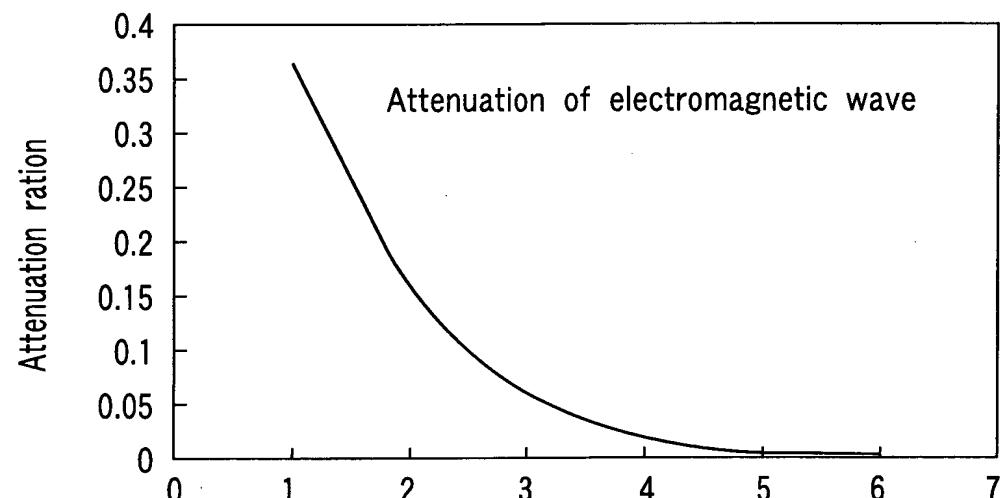


FIG. 8

Thickness of shield plate (a multiple of skin depth)

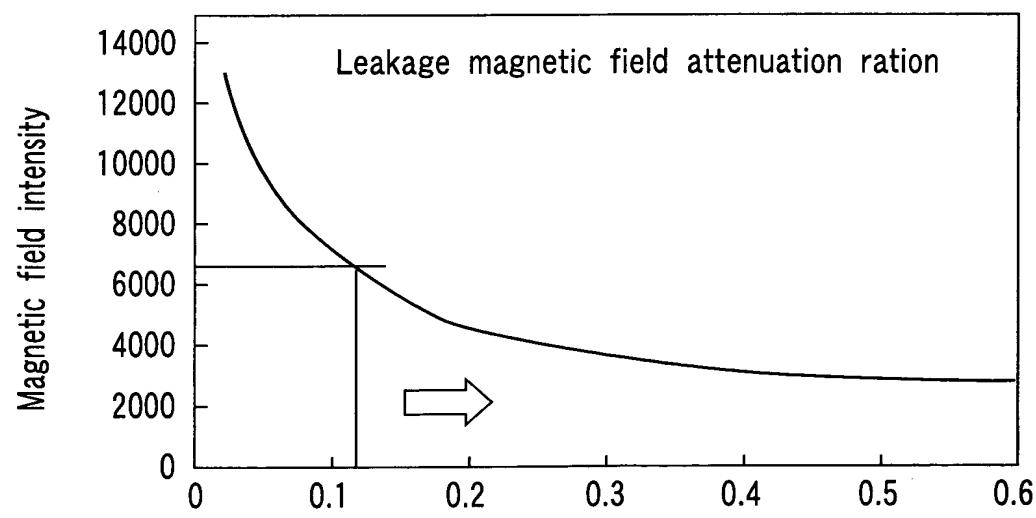


FIG. 10

Thickness of heated object (metal layer)

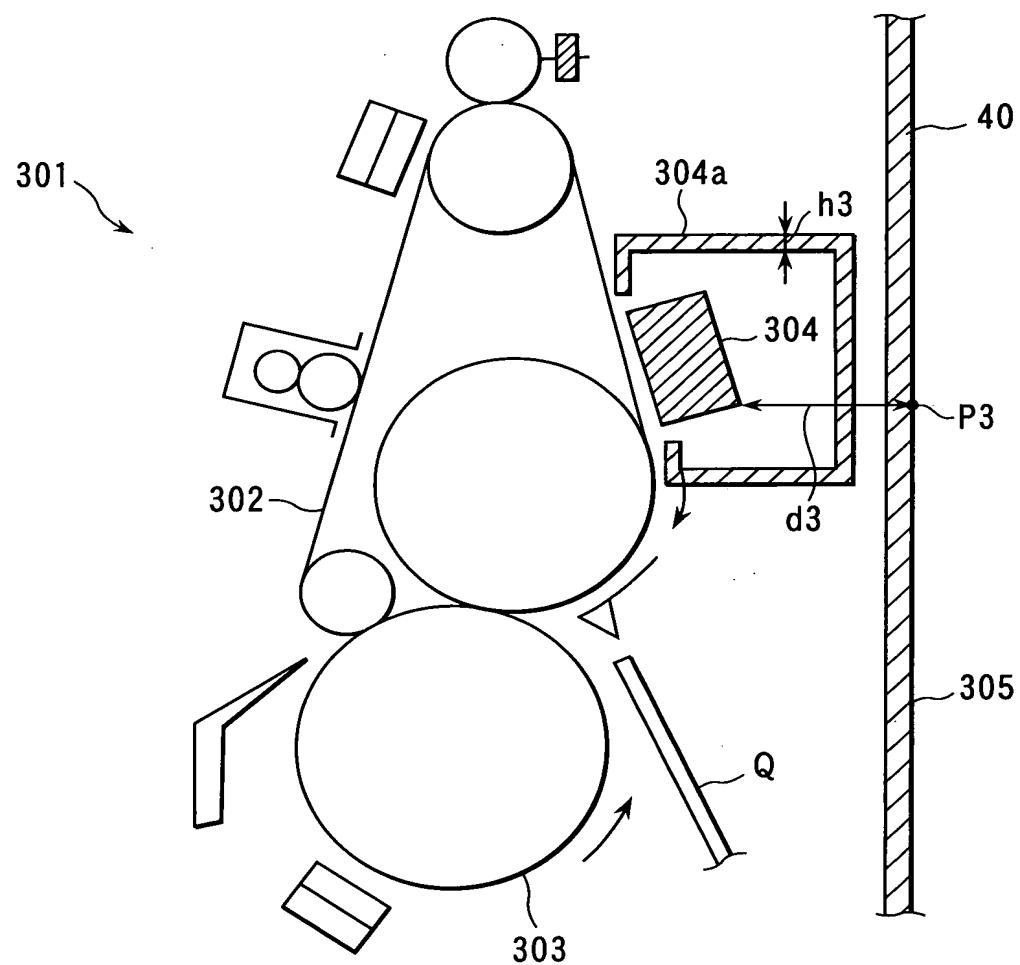


FIG. 9